

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Robert LINES et al.

Application No.: 10/623,620

Filed: July 22, 2003

Docket No.: 116633

For: ACID-CAPPED QUATERNISED POLYMER AND COMPOSITIONS COMPRISING
SUCH POLYMERINFORMATION DISCLOSURE STATEMENTCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. The references Nos. 2 and 14-16 are cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.
- ☒ 3. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 C.F.R. §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.

Respectfully submitted,

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Date: January 12, 2004

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Form PTO-1449
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116633APPLICATION NO.
10/623,620

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS
Robert LINES et al.FILING DATE
July 22, 2003

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1	4,311,805	01/19/1982	Moritani et al.		
	2	4,012,437	03/15/1977	Shachat et al.		
	3	4,675,051	06/23/1987	Baxter		
	4	5,700,841	12/23/1997	Walker		
	5	4,180,643	12/25/1979	Moss et al.		
	6	4,212,820	07/15/1980	Hotchkiss et al.		
	7	4,594,365	06/10/1986	Russell et al.		
	8	4,745,214	05/17/1988	Hess et al.		
	9	4,791,161	12/13/1988	Leising		
	10	4,910,325	03/20/1990	Shen et al.		
	11	4,973,639	11/27/1990	Shen et al.		
	12	5,260,480	11/09/1993	Lacroix et al.		
	13	6,251,967 B1	06/26/2001	Perichaud et al.		

FOREIGN PATENT DOCUMENTS

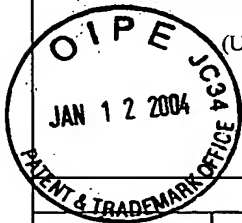
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	14	EP 0 529 693 B1	03/03/1993 ✓	Europe		
	15	EP 0 663 409 B1	07/19/1995 ✓	Europe		
	16	WO 97/31042	08/28/1997 ✓	WIPO		
	17	WO 00/69926	11/23/2000 ✓	WIPO		
	18	WO 01/16193	03/08/2001 ✓	WIPO		
	19	WO 98/29463	07/09/1998 ✓	WIPO		
	20	JP 9-286933 (abstract only)	11/04/1997	Japan		
	21	GB 1 457 590	12/08/1976 ✓	Great Britain		
	22	GB 231,070	03/26/1925 ✓	Great Britain		
	23	EP 0 802 243 B1	10/22/1997 ✓	Europe		
	24	EP 0 779 304 B1	04/12/2000 ✓	Europe		
	25	EP 0 204 456 B1	10/09/1991 ✓	Europe		
	26	EP 0 069 559 B1	05/02/1985 ✓	Europe		

EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: January 12, 2004



27	WO 02/02698 A1	01/10/2002 ✓	WIPO		
28	WO 91/09915	07/11/1991 ✓	WIPO		
29	WO 91/14743	10/03/1991 ✓	WIPO		
30	JP 9-202752 (abstract only)	08/05/1997 ✓	Japan		
31	JP 2-120372 (abstract only)	05/08/1990 ✓	Japan		
32	DE 3816328 A1 (with translation)	11/23/1989 ✓	Germany		
33	GB 2 273 934 A	07/06/1994 ✓	Great Britain		
34	GB 751,129	06/27/1956 ✓	Great Britain		
35	EP 0 291 074 A2	11/17/1988	Europe		
36	WO 94/28715	12/22/1994	WIPO		
EXAMINER				DATE CONSIDERED	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

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